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(54) Title: AQUEOUS COATING SOLUTIONS AND METHOD FOR THE TREATMENT OF A METAL SURFACE

(57) Abstract: A coating solution for providing a corrosion resistant coating to a metal surface including: a water soluble silicate; and at least one metal ion (X) selected from those having a valence of less than or equal to +4; wherein said coating solution forms an aqueous silicate-X network such that the silicate remains soluble, and wherein on contact with a metal surface (Y) a coating comprising of silicate-X and Y is formed.